

MAR 10 2004 15:58 FR RBVDRN MILW #5

414 298 8097 TO 2#557#1703872930 P. 01/07



RECEIVED  
CENTRAL FAX CENTER

MAR 10 2004

FACSIMILE MESSAGE

OFFICIAL

**IMPORTANT CONFIDENTIALITY NOTICE**

The documents included in this facsimile transmission from the law firm of Reinhart Boerner Van Deuren s.c. contain information which may be confidential or legally privileged. These documents are intended only for the use of the individuals or entities named on this transmission cover sheet. If you or your firm are not the intended recipient and have received this transmission mistakenly, you are hereby notified that reading, copying, disclosing or distributing these documents, or taking any action based on the information contained within them, is strictly prohibited, and that the documents should be returned to this firm immediately. If you have received this facsimile in error, please notify us by calling 414-298-8549 immediately so that we can arrange to retrieve the transmitted documents at no cost to you.

PLEASE DELIVER THE FOLLOWING TO:

Memory Tag: 2# 557

Name:	U.S. Patent Office	Facsimile No.	1-703-872-9306
Company:	Commissioner for Patents	Phone No.	

FROM: Linda Gabriel-Kasulke, Docket Coordinator  
DATE: March 10, 2004

REQUESTED BY	L. Gabriel-Kasulke	ATTORNEY NO.	770
EXTENSION	8271	CLIENT NO.	039187
		MATTER NO.	0018
		DOCKET NO.	8214 - CON

Total number of pages sent, including this page 7

IF ANY PROBLEMS OCCUR WITH THIS TRANSMISSION OR IF YOU HAVE NOT RECEIVED ALL THE PAGES, PLEASE CALL OUR  
FACSIMILE OPERATOR AT 414-298-8549.

COMMENTS:

**PLEASE FAX AUTOREPLY  
FACSIMILE TO: 414-298-8097**

**THANK YOU**

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) Inside this box → +

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

5

Application Number	10/714,806
Application Date	11/17/2003
First Named Inventor	Thomas J. Watson
Group Art Unit	
Examiner Name	
Attorney Docket Number	8216-CON

## ENCLOSURES (check all that apply)

- Fee Transmittal Form  
 Fee Attached  
 Amendment / Response  
 After Final  
 Affidavits/declaration(s)  
 Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement  
 Certified Copy of Priority Document(s)  
 Response to Missing Parts/ Incomplete Application  
 Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)  
 Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney or Authorization of Agent  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s)

- After Allowance Communication to Group  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosure(s) (please identify below):  
 Revocation of Power of Attorney or Authorization of Agent  
 Statement Under 37CFR 3.73(b)  
 Correspondence regarding attorney docket number

## Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Leslie S. Miller Reinhart Boerner Van Deuren s.c.
-------------------------	--

Signature	
-----------	--

Date	3/10/2004
------	-----------

## CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted to the United States Patent Office via facsimile to (703) 872-9306: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: March 10, 2004

Typed or printed name	Linda Gabriel-Kasulke
-----------------------	-----------------------

Signature	
-----------	--

Date	3/10/04
------	---------

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 1063609

Please type a plus sign (+) inside this box → +

PTO/SB/81 (10-00)

Approved for use through 10/31/2002, OMB 0851-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/714,808
Application Date	11/17/2003
First Named Inventor	Thomas J. Watson
Group Art Unit	
Examiner Name	
Attorney Docket Number	8216-CON

**RECEIVED  
CENTRAL FAX CENTER**

MAR 10 2004

**OFFICIAL**

I hereby appoint:

- Practitioners at Customer Number  
**OR**  
 Practitioner(s) named below:



22922

PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

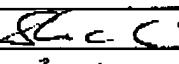
- The above-mentioned Customer Number.  
**OR**

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		

I am the:

- Applicant.  
 Assignee of record of the entire interest. See 37 CFR 3.71.  
*Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

**SIGNATURE of Applicant or Assignee of Record**

Name	Silvio Marti, Vice President Engineering and R&D, The Chicago Faucet Company		
Signature			
Date	3-8-04		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.			
<input checked="" type="checkbox"/> *Total of 3 forms are submitted.			

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

1063809

Please type a plus sign (+) inside this box → 

PTO/SB/82 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REVOCATION OF POWER OF  
ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/714,806
Application Date	11/17/2003
First Named Inventor	Thomas J. Watson
Group Art Unit	
Examiner Name	
Attorney Docket Number	8218-CON

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A Power of Attorney or Authorization of Agent is submitted herewith.

**OR**

Please change the correspondence address for the above-identified application to:

Customer Number  →

**OR**

<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City				
Country	State		ZIP	
Telephone	Fax			

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name	Silvio Marti, Vice President Engineering and R&D, The Chicago Faucet Company	
Signature		
Date	3-23-04	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
Submit multiple forms if more than one signature is required, see below\*.

\*Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 1063609

PTO/SB/96 (08-03)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: The Chicago Faucet CompanyApplication No./Patent No.: 10/714,806 Filed/Issue Date: 11/17/2003Entitled: SYSTEM AND METHOD OF AUTOMATIC DYNAMIC CALIBRATION FOR INFRARED SENSING DEVICEDEVICE The Chicago Faucet Company, a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Thomas J. Watson To: Synapse, Inc.  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or  for which a copy thereof is attached.

2. From: Synapse, Inc. To: Chicago Faucet Company. The  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel 014237, Frame 0536, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

**NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

2-8-04

Date

Signature

Silvio Marti

Typed or printed name

Vice President Engineering and R&D,  
The Chicago Faucet Company

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents Washington, DC 20231.

## PATENT

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Synapse, Inc., a Delaware corporation having a place of business at 500 Dan Tibbs Road, Huntsville, Alabama 35806, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and/or improvements which are disclosed in the Non-provisional Patent Application Serial No.: \_\_\_\_\_

\_\_\_\_\_, filed 23-Oct-2001, which is entitled, "System and Method of Automatic Dynamic Calibration for Infrared Sensing Device" such application, and all provisional, divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions and/or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions and/or improvements to the Assignee;

AUTHORIZE AND REQUEST Synapse, Inc.'s attorney, David L. Berdan of Lanier Ford Shaver and Payne, P.C., located in Huntsville, Alabama, to insert, where indicated above, the serial number and filing date of the Provisional Patent Application when known;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions and/or improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and/or improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions and/or improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions and/or improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_

*Thomas J. Watson*

Thomas J. Watson

Date: 10-23-01

STATE OF ALABAMA  
COUNTY OF MADISON

BEFORE ME, the undersigned authority, on this 23rd day of October, 2001, personally appeared Thomas J. Watson, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

*Wendy G. Babcock*  
Notary Public



March 10, 2004

Commissioner for Patents and Trademarks  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

Re: U.S. Patent Application No. 10/714,806  
for "SYSTEM AND METHOD OF  
*AUTOMATIC DYNAMIC*  
*CALIBRATION FOR INFRARED*  
*SENSING DEVICE*";  
Our File No. 8216-CON

Enclosed herewith please find Power of Attorney and Revocation of Power of Attorney noting a transfer of the above-referenced patent application file to Reinhart Boerner Van Deuren s.c. (Customer No. 22922). Accordingly, please change the attorney docket number on record from 711901.1051 to 8216-CON.

Thank you for your assistance in this regard.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Leslie S. Miller".

Leslie S. Miller

MW\1063609

P.O. Box 2963, Milwaukee, WI 53201-2963 • 1000 North Water Street, Suite 2100, Milwaukee, WI 53202  
Telephone: 414-298-1000 • Facsimile: 414-298-8097 • Toll Free: 800-553-6215

Madison, WI • Telephone: 608-229-2200 • Toll Free: 800-728-6239  
Waukesha, WI • Telephone: 262-951-4500 • Toll Free: 800-928-5529